

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-32. (canceled)

33. (Currently Amended) A method to select a cell in a mobile communications equipment (MCE) when transitioning from a connected mode state to an idle mode state, the MCE configurable for use in a cellular network, the method comprising:

beginning state transition activity, the MCE currently in the connected mode state;

identifying a set of UMTS-based candidate cells, wherein at least one of the set of candidate cells is a cell which is not currently supporting the first connected mode state;

storing information comprising power measurement data relating to a plurality of candidate cells which are not currently supporting the connected mode state arising from past data gathering by the MCE, the information gathered previous to state transition activity;

selecting a candidate cell from the identified set of candidate cells that includes the at least one cell which is not currently supporting the ~~connected~~ mode state based at least in part on the power measurement data; and

transitioning to an idle mode state from the connected mode state.

34. (Previously Presented) The method of claim 33 wherein said at least one of the candidate cells which is not currently supporting the connected mode state is a cell identified to the MCE by a network.

35. (Previously Presented) The method of claim 33 wherein said at least one of the candidate cells which is not currently supporting the connected mode state is a cell neighboring a cell supporting the connected mode state.

36 – 38. (Cancelled)

39. (Previously Presented) The method of claim 33 where the connected mode state comprises one of Cell_DCH, Cell_FACH, Cell_PCH, and URA_PCH.

40. (Previously Presented) The method of claim 33 where the identified candidate cell set comprises active cell(s) used to support the connected mode state.

41. (Previously Presented) The method of claim 33 where the identified candidate cell set comprises the serving cell used to support the connected mode state.

42. (Previously Presented) A mobile communications equipment (MCE) configured for use in a cellular network, comprising:

a processor and operating environment configured to run software processes, the software processes configured to enable the MCE to transition from a connected mode state to an idle mode state, and to determine a set of UMTS-based candidate cells, wherein at least one of the set of candidate cells is a cell which is not currently supporting the connected mode state, and further configured to store information comprising power measurement data with respect to a plurality of candidate cells of the candidate cell set which are not currently supporting the connected mode state, the information gathered previous to the state transition and to select a candidate cell from the identified set of candidate cells that includes the at least one cell which is not currently supporting the connected mode state and based at least in part upon the power measurement data and to use the selected member when transitioning to the idle mode state from the connected mode state.

43. (Previously Presented) The MCE of claim 42 wherein the at least one of the candidate cells which is not currently supporting the connected mode state is a cell identified to the MCE by a network.

44. (Previously Presented) The MCE of claim 42 wherein the at least one of the candidate cells which is not currently supporting the connected mode state is a cell neighboring a cell supporting the connected mode state.

45 - 47. (Cancelled)

48. (Previously Presented) The MCE of claim 42 where the connected mode state comprises one of Cell_DCH, Cell_FACH, Cell_PCH, and URA_PCH.

49. (Previously Presented) The MCE of claim 42 where the candidate cell set comprises active cell(s) used to support the connected mode state.

50. (Previously Presented) The MCE of claim 42 where the candidate cell set comprises the serving cell used to support the connected mode state.

51. (Previously Presented) A method to select a cell in a mobile communications equipment (MCE) when transitioning from a first connected mode state to a second connected mode state, the MCE configurable for use in a cellular network, the method comprising:

beginning state transition activity, the MCE currently in the first connected mode state;

identifying a set of UMTS-based candidate cells, wherein at least one of the candidate cells is a cell which is not currently supporting the first connected mode state;

storing information comprising power measurements with respect to a plurality of candidate cells of the identified candidate set relating to a plurality of candidate cells of the candidate cell set which are not currently supporting the first connected mode state arising from past data gathering by the MCE and corresponding to the same cell;

selecting a candidate cell from the identified set of candidate cells that includes the at least one cell which is not currently supporting the connected mode state and based at least in part on the power measurements; and

transitioning to the second connected mode from the first connected mode state using the selected candidate cell, where the first and second connected mode states are, each, one of: Cell_FACH, Cell_PCH, and URA_PCH.

52. (Previously Presented) The method of claim 51 wherein said at least one of the candidate cells which is not currently supporting the first connected mode state is a cell identified to the MCE by a network.

53. (Previously Presented) The method of claim 51 wherein said at least one of the candidate cells which is not currently supporting the first connected mode state is a cell neighboring a cell supporting the first connected mode state.

54 - 56. (Cancelled)

57. (Previously Presented) The method of claim 51 where the candidate cell set comprises active cell(s) used to support the first connected mode state.

58. (Previously Presented) The method of claim 51 where the candidate cell set comprises the serving cell used to support the first connected mode state.

59. (Previously Presented) A mobile communications equipment (MCE) configured for use in a cellular network, comprising:

a processor and operating environment configured to run software processes, the software processes configured to enable the MCE to transition from a first connected mode state to a second connected mode state to store information comprising power measurements with respect to a plurality of candidate cells of the identified cell set, the information gathered previous to the state transition, and to determine a set of UMTS-based candidate cells wherein at least one of the set of candidate cells is a cell which is not currently supporting the first connected mode state, and further configured to select a candidate cell from the identified set

of candidate cells that includes the at least one cell which is not currently supporting the connected mode state and based at least in part upon the power measurement data and to use the selected member when transitioning to the second connected mode state from the first connected mode state where the first and second connected mode states are, each, one of: Cell_FACH, Cell_PCH, and URA_PCH.

60. (Previously Presented) The MCE of claim 59 wherein the at least one of the candidate cells which is not currently supporting the first connected mode state is a cell identified to the MCE by a network.

61. (Previously Presented) The MCE of claim 59 wherein the at least one of the candidate cells which is not currently supporting the first connected mode state is a cell neighboring a cell supporting the first connected mode state.

62 – 63. (Cancelled)

64. (Previously Presented) The MCE of claim 59 where the candidate cell set comprises active cell(s) used to support the first connected mode state.

65. (Previously Presented) The MCE of claim 59 where the candidate cell set comprises the serving cell used to support the first connected mode state.